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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/753,471

01/09/2004

Chiu-Chih Lee

MR2561-140

6414

4586

7590

11/14/2005

ROSENBERG, KLEIN & LEE

3458 ELLICOTT CENTER DRIVE-SUITE 101

ELLICOTT CITY, MD 21043

EXAMINER

DUONG, HUNG V

ART UNIT

PAPER NUMBER

2835

DATE MAILED: 11/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

FL

Office Action Summary	Application No.		Applicant(s)	
	10/753,471		LEE, CHIU-CHIH	
	Examiner		Art Unit	
	Hung v. Duong		2835	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4 and 6 is/are rejected.
- 7) ☒ Claim(s) 5 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Hung V. Duong

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 6) <input type="checkbox"/> Other: ____ |
| Paper No(s)/Mail Date ____ | |

HUNG VAN DUONG
PRIMARY EXAMINER

DETAILED ACTION

Claim Objections

1. Claim 6 is objected to because of the following informalities: the miss spelling word "appling" should change to --applying--. Appropriate correction is required.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4, 6 are rejected under 35 U.S.C. 102(e) as being anticipated by Wu et al (US 2005/0168924).

Regarding claims 1-4, 6 Wu et al disclose a coupling structure adopted for use on electronic devices that have a folding member 10, 20, comprising: a force receiving member 21 located in the folding member 10, 20 having a portion exposed from one side of the folding member 10, 20 and being movable reciprocally in only one direction; a hook bar 30 located in the folding member 10, 20 having a portion exposed from

Art Unit: 2835

another side of the folding member 10, 20 abutting the one side of the folding member 10, 20 where the force receiving member 21 exposed and being movable reciprocally only in one direction; and a turning mechanism 51 for coupling the force receiving member 21 and the hook bar 30 including a compression section 11, 12 and a driven section 34 formed respectively on the force receiving member 21 and the hook bar 30 such that a longitudinal force applying on the force receiving member 21 is transferred through the compression section 11, 12 and the driven section 34 to become a transverse force for driving the hook bar 30 wherein the compression section 11, 12 of the turning mechanism 51 is a slot which forms a biased angle against the moving direction of the force receiving member 21 wherein the driven section 34 of the turning mechanism 51 is a strut wedging in the slot of the force receiving member 21 wherein the compression section 11, 12 of the turning mechanism 51 is sloped surface wherein the hook bar 30 is coupled with an elastic element 60 to return the hook bar 30 to a selected location when the force applying on the force receiving member is absent.

Allowable Subject Matter

3. Claim 5 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to show that the driven section of the turning mechanism is a

Art Unit: 2835

jutting arched lug in contact with the sloped surface so that the arched lug forms a biased angle against the moving direction of the force receiving member.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Chou (US Pat. 6,839,225) teaches external keyboard structure.

Jung (US Pat. 6,108,196) teaches locking mechanism for notebook computer.

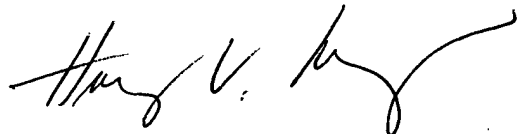
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Duong whose telephone number is (571) 272-2041. The examiner can normally be reached on M-F from 8:30 to 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D. Feild can be reached on (571) 272-2092. The fax phone number for this Group is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956

HVD

10/27/05.

A handwritten signature in black ink, appearing to read 'Hung V. Duong', with a stylized flourish at the end.

Hung Duong
Primary Examiner.